



## **Module 7: Hands-On: Creating a Service**

## Steps for Master:

**Step 1:** We will create a NodePort service for our NGINX deployment, run the following command:

```
kubectl create service nodeport nginx --tcp=80:80
```

```
ubuntu@ip-172-31-11-83: ~  
ubuntu@ip-172-31-11-83:~$ kubectl create service nodeport nginx --tcp=80:80  
service/nginx created
```

**Step 2:** Note down the NodePort for this service by running the command:

```
kubectl get svc nginx
```

```
ubuntu@ip-172-31-11-83: ~  
ubuntu@ip-172-31-11-83:~$ kubectl get svc nginx  
NAME      TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE  
nginx     NodePort    10.97.255.79   <none>         80:32396/TCP     3m7s  
ubuntu@ip-172-31-11-83:~$
```

**Step 3:** Verify the working of the service by browsing to the IP address of the master or slave with this port

Not secure | 18.219.111.151:32396

## Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](https://nginx.org).  
Commercial support is available at [nginx.com](https://nginx.com).

*Thank you for using nginx.*